

PHANTOM LAKES MANAGEMENT DISTRICT
REGULAR MEETING
March 24, 2005

Approved Minutes

Steve Barber, chairperson, called the meeting of the Phantom Lakes Management District to order at 7:07 pm. Other Commissioners in attendance were Carol Fait, Steve Verduyn and Town of Mukwonago Representative David Dubey. Pete Kumlein, Waukesha County Representative Karen McNelly were given excused absences and Curtis Chase was absent. One resident was present.

Open Forum – Dick Jenks commented that he is concerned about the absence of the electorate and that no other residents are attending the meetings. S. Barber acknowledged that the meeting was properly noticed.

Mr. Jenks raised various questions and comments in regards to the Test Protocol and they are as follows: Test Plan delivered to the DNR (curiosity copy), has duration of less than 72 hours. The Village has only proposed minimal test protocol and it should include the flow rate (are they testing for a higher than anticipated commit capacity?) and until the system reaches steady state or 72 hours (whichever is longer). He feels we should be looking at these conditions in this testing and reminds the Board Members that High Capacity Wells by definition pumps a minimum of 100,000 gallons per day or 70 gallons per minute. He is concerned the Village permit for the minimum that they plan to draw is likely to be much higher than that.

GZA and Ruekert & Mielke (R&M) agreed on test parameters. Mr. Jenks wants to know where the evaluation and comments are on the parameters that we are to receive from SEWRPC and the Wisconsin Natural History Survey.

What kind of access is there to private wells? He would like to have his tested and he is sure many other people would also like their wells monitored. Where are the well nests going to be? The development of the test criteria is very important and needs to be done before actual testing is started.

He is very concerned that if we start the test, and find out that we are not getting the data that we need, that there are no provisions (no permit) for extending the amount of time for testing.

Mr. Jenks shared with the PLMD Board the article “Water, Water Everywhere, But Not a Drop to Drink” that was recently published in the Living on the Lake – Southern Wisconsin’s Lake Lifestyles Magazine. He is afraid that if the Test Protocol is not done to the best of our ability that we may end up without a lake.

S. Barber commented that he along with D. Dubey would help to answer some of his concerns and questions later in the meeting under “Well Update” category on the agenda.

Mr. Jenks asked to hear when GZA would present their model and share it with the community.

S. Barber and D. Dubey are going to meet with GZA hopefully on March 30th. GZA does have a model and they are working together with Ruekert and Mielke.

Announcements & Correspondence – S. Barber received a call from a new homeowner who has questions regarding with whom he must speak to about restoration to the shoreline at his lakeside residence. Dick Jenks commented that Audrey Green might be willing to come and help them with this project. S. Barber will contact DNR and Audrey Green in regards to this and get back to the homeowner.

Secretary’s Report – S. Barber asked if there were any additions or questions in regards to the minutes. There was one correction – removal of “and” in the paragraph labeled Status of Open Grants. Thus, the sentence would read, “the district received an extension”. **Motion** made to approve the minutes of

February 24, 2005 regular meeting, with correction as listed, by C. Fait. Second by S. Barber, motion carried.

Treasurer's Report – Board discussed various bills to be paid. S. Verduyn summarized the Treasurer's Report. **Motion** made by S. Verduyn to approve and pay the bills. Second by C. Fait, motion carried.

Insurance Update – S. Barber spoke with Laub & Horton regarding the costs of hiring employees directly. As to insurance issues, it is financially more prudent to engage the services of Shore Personal, as has been the policy in previous years. The board will have Laub & Horton come to a future meeting to discuss all insurance concerns.

Well Update – D. Dubey has spoken with GZA concerning the draft that they are working on. GZA thought a test of less than 72 hours would be sufficient and that even though one would not achieve a steady state but will get to a state or water level in the test borings or wells being tested, one might see the water level drop considerably. They are also concerned that if the test were to extend past 72 hours that the aquifer could be recharged which might not produce accurate test results. S. Barber and D. Dubey will ask GZA at what rate they will be pumping and also address the other concerns raised by Mr. Jenks. D. Dubey will keep in contact with those in charge of the Natural History Survey Review and make sure that they are updated. Dick Jenks expressed his concerns once again that PLMD has to make sure that we have a good test design. D. Dubey stated that once we have received the final design that they will hold a public meeting to go over that design.

Dick Jenks asked what the PLMD could do in assisting Aquifer Sciences to obtain the access and permissions to sample resident wells. D. Dubey will continue discussions with GZA of preferred sites keeping in mind those residents would have to be willing not to use their wells for a period of up to 72 hours. S. Barber will contact some of the residents that might be willing to participate.

S. Barber reported on the meeting between R&M and GZA. R&M will have seven observations wells in which six will be nested pairs in conjunction with the monitoring of two or three residential wells. In addition, R&M is installing one shallow well near the lake and adjacent to the YMCA production well, which will serve as another nested pair monitoring both the Lower and Upper aquifers. The plan is to run the test well for 48 hours, as it is the measured opinion of GZA that running the test for a period 30 days would not provide positive proof that a High-Capacity Well would have adverse effects on the springs that feed the lake and that may recharge the aquifer.

Lake Management Plan – No update due to Dr. Thornton's absence.

Staffing Needs – The board discussed possibilities of various employees needed for this summer's weed harvesting. C. Fait will start a committee to oversee harvesting operations. Anyone interested in operating the harvester this Spring, Summer or Fall, please contact Steve Barber at 262-549-1149. Some kind of mechanical background would be helpful.

Lake Sampling Equipment – D. Dubey will purchase the YSI 85D Instrument and the Board discussed the various people who are going to do the sampling.

Fish & Stocking Lockboxes – S. Verduyn commented that he is pricing various hatcheries. He has talked with DNR and they have come to the agreement that stocking Large Mouth Bass and Perch would be most beneficial.

PLMD Website – S. Barber is working with Emily Hetzel at the Mukwonago High School Computer Lab and she has 45 students willing to compete in designing the PLMD website. The board discussed various categories on the web site, domain names, service providers, etc. D. Dubey will talk with the Town of Mukwonago and see if PLMD might be able to use their server.

New Business

Discussion of Septic Inspection Ordinance – Due to C. Chase's absence, discussion tabled until April meeting.

At 8:58pm, C. Fait moved to adjourn, second by S. Verduyn, motion carried.

Regular Meeting – The board will meet **Thursday, April 21, 2005** at the Mukwonago Town Hall at 7:00pm.

Respectfully submitted,
Gina Krause
Treasurer/Secretary Assistant